CLS USER'S GUIDE

101 Perimeter Road

Saskatoon, SK S7N 0X4

(306) 657-3500

Fax: (306) 657-3535

Welcome to the CLS!

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Welcome to the CLS!

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Facility Contact Information

Floor Coordinator.....3639
Fire/Ambulance.....9-911
Campus Safety.....9-966-5555
Health Safety and Environment.....3663
Health Safety and Environment (on call).....9-227-3113
User Services Office – Room 2038.....3700
Lobby – Guest Phone.....3701
West Entrance (North Road).....3702
Lunch Room.....3713
Lounge.....3755
Leon Katz Room 2027.....3680

*Note: The prefix 9 is required when dialing an external number from a CLS phone

When dialing a CLS number from an external phone, dial 657-####.

BMIT- BioMedical Imaging and Therapy Facility BMIT-BM (05B1-1) and BMIT-ID (05ID-2)		
Staff Scientist	Tomasz Wysokinski	3710
Staff Scientist	George Belev	3814
Science Associate	Adam Webb	3846
Science Associate	Ning Zhu	3589
Room 1128	BMIT	3630 (wireless)
Room 1129	BMIT POE-2	3629
Room 1605.4	BMIT SOE-1	3628
CMCF- ID – Canadian Macromolecular Crystallography Facility (08ID-1)		
Staff Scientist	Pawel Grochulski	3538
Science Associate	James Gorin	3776
Research Associate	Shaun Labiuk	3828
Room 1608	CMCF 1	3610 (wireless)

Facility Contact Information

CMCF-BM – Canadian Macromolecular Crystallography Facility (08B1-1)		
Staff Scientist	Michel Fodje	3758
Science Associate	Kathryn Janzen	3836
Research Associate	Shaun Labiuk	3828
Room 1608.5	CMCF 2	3619
Far-IR (02B1-1)		
Staff Scientist	Brant Billinghurst	3554
Staff Scientist	Tim May	3552
Room 1601.2	Far-IR	3606
HXMA - Hard X-ray Micro Analysis (06ID-1)		
Staff Scientist	Ning Chen	3571
Staff Scientist	Chang-Yong Kim	3765
Science Associate	Weifeng Chen	3829
Room 1606	HXMA	3611
Mid-IR (01B1-1)		
Staff Scientist	Ferenc Borondics	3763
Staff Scientist	Tim May	3552
Science Associate	Xia Liu	3863
Room 1611.2	Mid-IR	3607
Room 1611.2	Mid-IR	3615 (wireless)
REIXS –Resonant Elastic and Inelastic Soft X-Ray Scattering (10ID-2)		
Staff Scientist	Feizhou He	3726
Science Associate	David Muir	3766
Research Associate	Ronny Sutarto	3785
Room 1610.4	REIXS	3621
Room 1610.4	REIXS	3618 (wireless)

Facility Contact Information

SGM –Spherical Grating Monochromator (11ID-1)		
Staff Scientist	Tom Regier	3733
Science Associate	David Chevrier	3778
Research Associate	Jay Dynes	3840
Room 1611.4	SGM	3612

SM-Soft X-Ray Spectromicroscopy (10ID-1)		
Staff Scientist	Chithra Karunakaran	3749
Science Associate	Yingshen Lu	3743
Research Associate	Jian Wang	3546
Research Associate – STXM	Jay Dynes	3840
Room 1610.2	SM Lab	3609

SXRMB – Soft X-Ray Micro-Characterization (06B1-1)		
Staff Scientist	Yongfeng Hu	3722
Research Associate	Qunfeng Xiao	3833
Room 1606.1	SXRMB	3616
Room 1606.6	SXRMB	3614 (wireless)

SYLMAND – Synchrotron Laboratory for Micro and Nano Devices (05B2-1)		
Science Associate	Garth Wells	3736
Room 1104.3	SYLMAND Resist Lab	3623
Room 1104.4	SYLMAND Metrology Lab	3624
Room 1104	SYLMAND	3617 (wireless)

VESPERS – Very Sensitive Elemental and Structural Probe Employing Radiation from a Synchrotron (07B2-1)		
Staff Scientist	Renfei Feng	3581
Science Associate	Darren Hunter	3786
Room 1607	VESPERS	3620
Room 1607	VESPERS	3613 (wireless)

Facility Contact Information

VLS-PGM – Variable Line Spacing Plane Grating Monochromator (11ID-2)		
Staff Scientist	Lucia Zuin	3724
Staff Scientist-Photoemission	Xiaoyu Cui	3848
Research Associate	Mike MacDonald	3812
Science Associate	Isabelle Gauthier	3767
Room 1611.4	VLS-PGM	3608

Safety Information

In the case of an emergency, contact the Floor Coordinator at 3639, and/or call 9-911 for fire/ambulance.

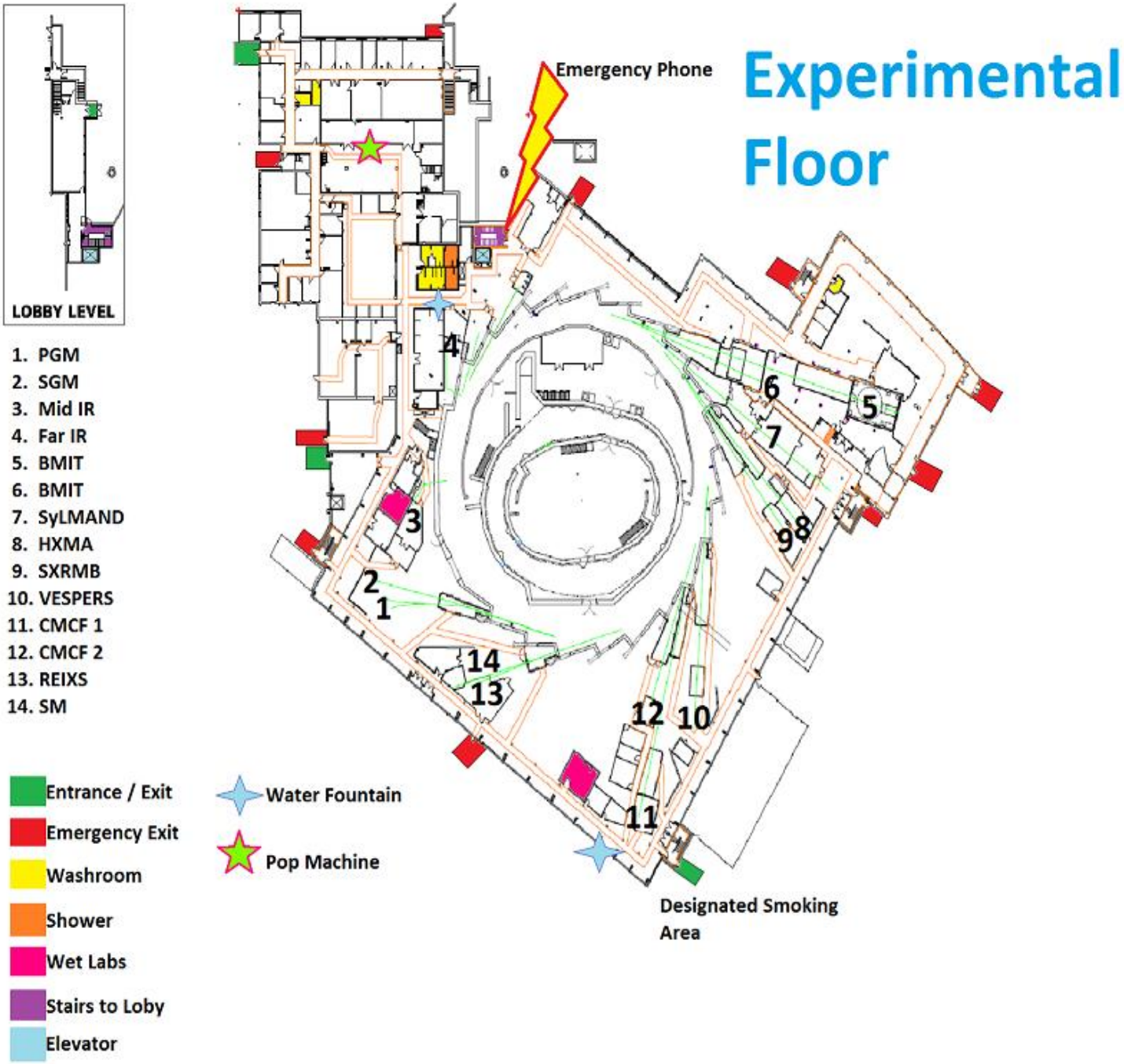
Please refer to the training provided in your health and safety orientation and the beamline specific orientation.

SafeWalk:

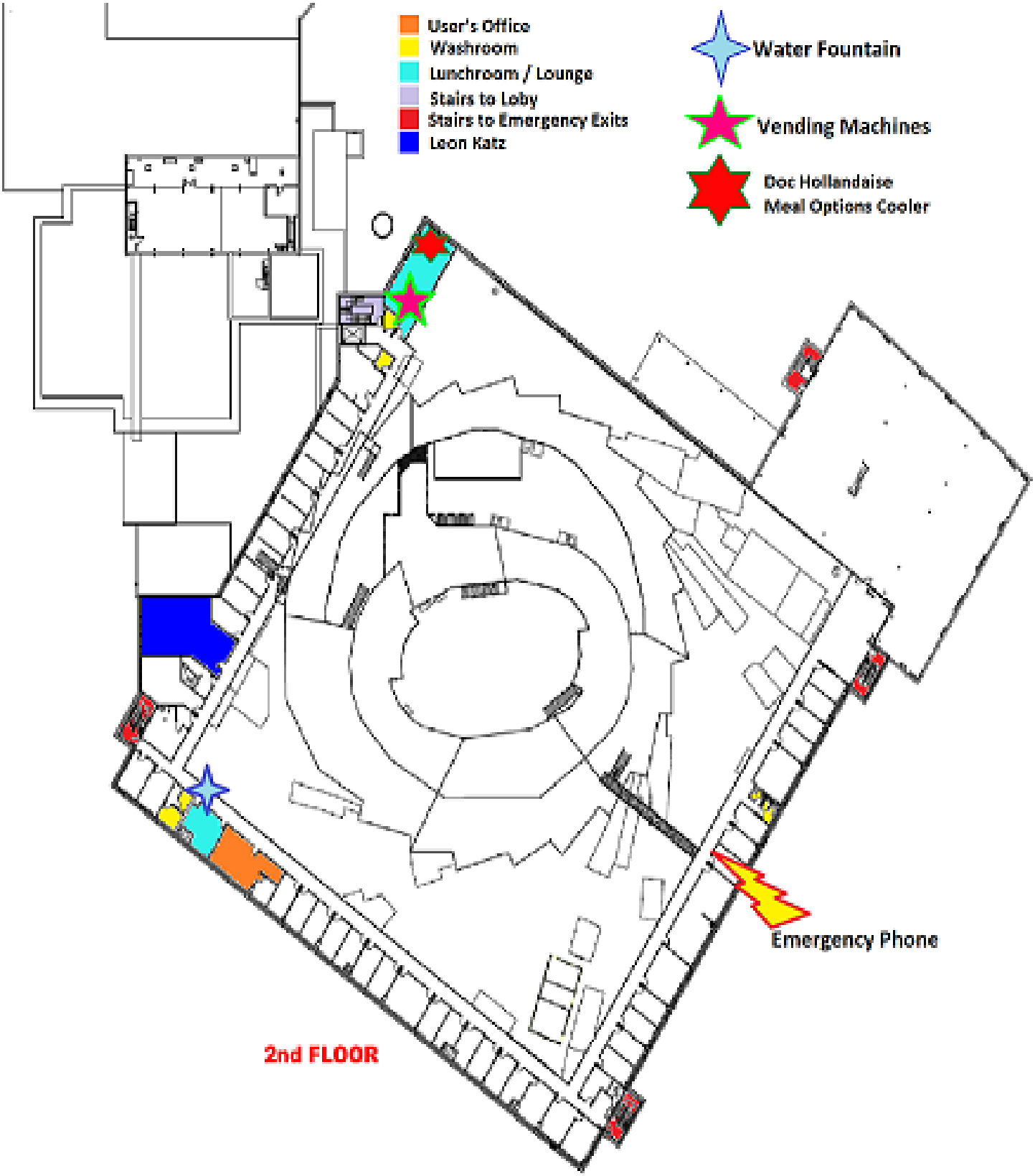
If going out at night alone, SafeWalk is a service provided through the University of Saskatchewan Students' Union, by volunteers and in partnership with Campus Safety. You can receive a Safewalk at ANYTIME. The SafeWalk Volunteers operate Monday through Thursday, 7:00 p.m. to 11:30 p.m. However, you can receive a SafeWalk at anytime by calling 966-SAFE (966-7233)*; when the volunteers are not on, the service is taken over by Campus safety.

*Note: During the summer months, please call Campus Safety at 966-5555 for SafeWalk.

Facility Map – Experimental Floor



Facility Map – 2nd Floor Mezzanine



Parking

Users: May obtain one CLS parking lot permit, per experimental group per scheduled experimental time from reception.

CLS Guests: CLS Guests may use the metered parking in the CLS lot. Guests who are at the facility for more than 2 hours may purchase a parking pass for the CLS lot from reception at a rate of $6.00/day and use it to park at a metered stall.

Visitors: Metered Parking in CLS Lot

On **weekdays** from 07:30 to 18:00, meters will have various time limits depending on their location and the fees will be:

- $.25 = 7.5 minutes
- $1 = 30 minutes
- $2 = 60 minutes

From 18:00 to 22:00 **weeknights** and 07:30 to 22:00 on Saturday, meters will have a four-hour limit and the fees will be:

- $.25 = 15 minutes
- $1 = 60 minutes
- $2 = 120 minutes
-

LOT 4: (Located off North Road)

- Approximately 199 spaces (non-electrified).
- Pay on exit, fully automated, unstaffed lot.
- In operation 24 hours per day, 7 days per week.
- $1.00 per half hour (or portion thereof).
- $6.00 (per exit) daily maximum.
- Accepts "prepaid cards" and cash denominations of $20.00 or less.
- 18:00-06:00- $4.00 per exit maximum.
- Sat, Sun, & Holidays - $4.00 (per exit) daily maximum.
- **MUST EXIT DAILY.**
- May 1-August 31 (annually) - $4.00 (per exit) daily maximum

Facility Services

Beamline Information: Beamline storage ring status is available on monitors throughout the facility, and at the following webpage:

http://www.lightsource.ca/operations/machine_status.php

In order to view the latest machine status, the webpage may need to be refreshed. Refer to the monitors for scheduled injection times. If you require a delay in injection, please contact the floor coordinator at 3639 at least 10 minutes prior to the next injection. The maximum delay allowed is 10 minutes.

Twitter: Follow the CLS on Twitter!! http://twitter.com/CLSFC Status updates and general facility information to be included. For updates on your cell phone text "follow CLSFC" to 21212. To discontinue, text "off CLSFC" to the same number.

User Feed Back: If you are having technical difficulties, want to make a suggestion or comment, please forward to technicalissues@lightsource.ca or contact Floor Coordinator at 3639.

End of Run Information: Please complete the Experiment Report (last page of your permit) when your beam time is finished. Also, please complete and return the End of Run Survey when you receive it. All invoices are to be paid at Reception.

Washrooms: Washrooms are in various locations throughout the facility. They are located on maps provided in this guide. Showers are located in the North West washrooms on the experimental floor. Please contact Floor Coordinator at 3639 if towels and/or shower amenities are required.

Facility Services

Telephone Services: Telephones are located throughout the facility and at each beamline. Please dial 9 when calling an external number from a CLS phone. In the event of a power outage, the phone system will not work. There are white phones located near the elevator on the experimental facility floor, and on the north east side of the mezzanine that will work during a power outage. Please refer to user map.

Lounge and Lunch Room: There is a lounge located in room 2037. The lounge provides a great space to rest and relax, including use of a couch, recliner chairs and blankets. The lunch room is located in room 2013, and has a choice of food options; please see food section for further details. Both the lunch room and lounge provide use of fridge, microwaves and toasters at no charge.

Wireless Internet Access: There is guest wireless access in the Facility. The directions to access are as follows:

Network: lumens User Name: **clsi**

Password: month/year - e.g. **aug10**

Work stations are available for use in the Leon Katz Room 2027 -workstation #1, 2, 3 and 4 are reserved for users. Additional computers are available in the User Services Office in room 2038, Monday to Friday between 08:00 and 16:30 for short term usage such as checking email, based on availability. For further information, please contact User Services Office.

Printer, Copiers and Fax Machine: Printers are located in the Leon Katz Room and User Services Office. Copiers/Fax machines are located in the lobby and south east corner of the Mezzanine.

Facility Services

Fresh Food: **Doc Hollandaise @ CLS!!**

Lunch Room – Monday to Friday morning break through lunch

Fresh Menu Items Include

Hot Entrees Sandwiches Baking Soup Salads Milk

-Sandwiches and meals can be pre-ordered when paid in advance-

-If you have any dietary requirements, let us know-

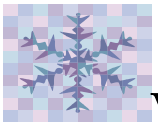
Payment Methods: Cash, Credit Card or User Charge Account

Receipts provided upon request.

If you would like to purchase food outside posted time above, contact the Floor Coordinator at 3639

Vending Machines:

Beverage and snack machines are located in lunch room.



Weather Gear: We now have winter jackets and umbrellas available for use while visiting the CLS. Contact the Floor Coordinator for further details.

Facility Services

Hot Beverages:

INTRODUCING
LATTE LOUNGE
YOURS TO ENJOY... 60 DIFFERENT WAYS
The new coffee system that offers a wide variety of specialty beverages – always freshly ground and freshly brewed for the freshest taste available.
FRESHLY GROUND, FRESHLY BREWED GOURMET COFFEES
Ground and brewed on the spot, one cup at a time, there is no fresher cup of gourmet coffee available.
SPECIALTY BEVERAGES
The choice is impressive:
• Cappuccino: An espresso-style coffee combined with hot, frothed milk
• Caffè Latte: Hot, frothed milk topped with an espresso-style coffee – slightly stronger than a Cappuccino
• Mochaccino: A delicious combination of espresso-style coffee, hot, frothed milk and creamy hot chocolate
• Steamer: Hot, frothed milk, regular or flavored with your choice of 3 flavors
• Hot Cocoa: Rich and creamy hot cocoa
• Hot Chocolate with Milk: Rich and creamy hot cocoa topped with hot, frothed milk
• Café Mocha: Freshly brewed dark roast coffee combined with rich and creamy hot cocoa
MAKE IT YOUR OWN
As a truly personalizing feature, the Latte Lounge system allows you to add a touch of flavor to all of the above-mentioned beverages.
Your choice: French Vanilla, Irish Cream or Hazelnut Vanilla
Brought to you by:
VAN HOUTTE CAFE
Find out how you can turn your coffee environment into a LATTE LOUNGE
LATTE LOUNGE
LATTE LOUNGE

The Latte Lounge is located in the lounge. Prices are as posted. Coffee urns are also located in the lounge and lunchroom, the price is $0.50 a cup and $0.25 for tea. Please place money in designated payment container.

Saskatoon Amenities

Current weather conditions –

http://www.theweathernetwork.com/weather/cask0276?ref=homecity

Current Road Conditions –
http://www.theweathernetwork.com/index.php?product=hwycond&pagecontent=sk

Airport: John G. Diefenbaker International Airport – www.yxe.ca

Taxi Services: Please ask dispatcher to send taxi to the north road entrance, just north of the Peterson building.

Blue Line Taxi..... 653-3333

Saskatoon Radio Cabs Ltd..... 242-1221

SLT Executive Car Service..... 665-0000

United Cabs Ltd..... 652-2222

Car Rental Services:

Avis Car & Truck Rental 114-2301 Ave C N..... 652-3434

Budget Car & Truck Rental 2215 Ave C N..... 1-800-268-8900

Discount Car & truck Rentals 335 Grand Rd.....242-6556

Enterprise Rent-A-Car 1206 Emerson Ave..... 244-6900

Hertz Rent A Car 6-2345 Ave C..... 373-1161

National Car & Truck Rental 111-2301 Ave C N..... 665-7703

Thrifty Car Rental 143 Robin Cr..... 244-8000

Saskatoon Amenities

Off Campus Restaurants/Food Options:

Chili's 1730 Preston Ave.....653-4547

Burger King 1747 Preston Ave.....933-2689

Wal-Mart Preston Crossing.....373-2300

Sobeys 1739 Preston Ave.....668-9901

Doc Hollandaise 6-705 Central Ave.....651-5115

Wing World 706B Central Ave.....652-9464

Vern's Pizza 706 Central Ave.....665-8376

Dairy Queen 1418 College Drive.....664-3377

Alexander's Rest. and Pub 414 Cumberland Ave N.....956-7777

Red Lobster 2501 8th St. E.....373-8333

McDonalds 1608 8th St.E.....955-8669

McDonalds Circle and 8th St.E.....955-8674

The Keg 1110 Grosvenor Ave.....653-3633

Jerry's Food Emporium 1115 Grosvenor Ave.....373-6555

East Side Mario's 2335 8th St.E.....665-5550

New Asia Buffet 1-3311 8th St.E.....955-3265

Mr. Sub 2-3401 8th St. E.....373-3335

For delivery, hours of operation and take out information on local restaurant services; refer to the SaskTel Phonebook yellow pages restaurant section menus, or

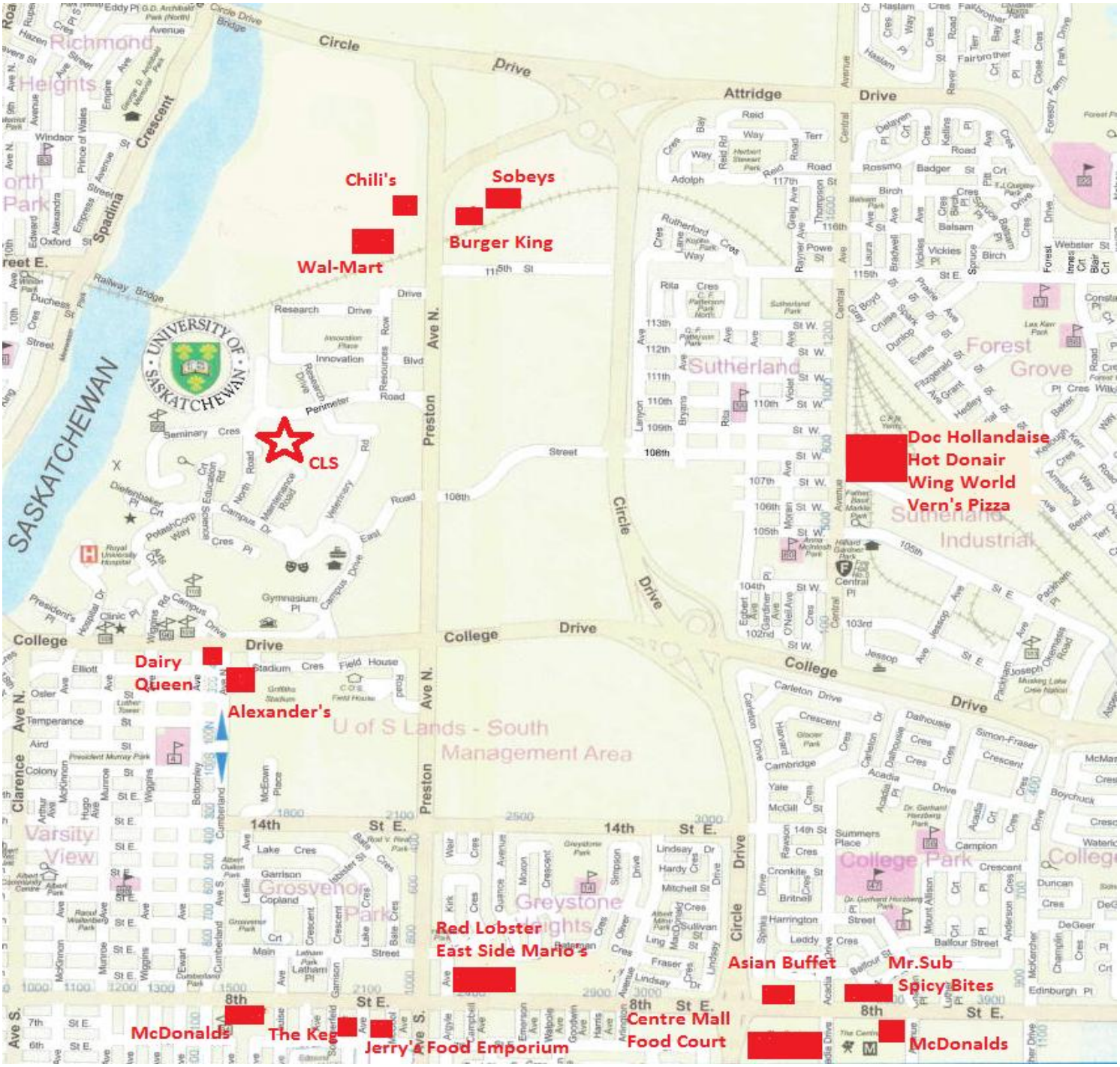
http://directory.saskatoondirect.info/Dining_Entertainment/Fast_Food_Takeout_Delivery/

or

http://tourismsaskatoon.com/siteimages/StoonDiningGuide_web.pdf

Saskatoon Amenities

Off Campus Restaurants/Food Options:



Saskatoon Amenities

On Campus Restaurants/Food Options and Services:

A&W at Arts 9 Campus Dr; Main Floor Arts Building

Agriculture Cafeteria 51 Campus Dr; Second Floor

Choices at STM 1437 College Drive

Boffins Club 311-111 Research Dr

Education Café 28 Campus Dr; Basement

Extreme Pita 1 Campus Dr; Lower Place Riel

Faculty Club 101 Administration Pl

Le Crepe Bistro 1 Campus Dr; Place Riel

Louie's 93 Campus Dr

Lutheran Seminary Cafeteria 14 Seminary Cr

PAC café subway 87 Campus Drive; Second Floor

Starbucks 3 Campus Dr; Main Floor Library

Tim Hortons Arts Building, Basement; In the Tunnel

Tim Hortons Geology Building; Second Floor

Tim Hortons Marquis Hall; First Floor

Treats Café 1 Campus Dr, Lower Place Riel

Umi Sushi 1 Campus Dr; Lower Place Riel

For hours of operation, refer to

www.usask.ca/consumer_services/foodservices

Saskatoon Amenities

On Campus Restaurants/Food Options and Services:

Bookstore Marquis Hall 97 Campus Dr.....966-4668

Fit Center.....966-1000

College of Kinesiology
PAC 222
87 Campus Drive
Saskatoon, Saskatchewan
S7N 5B2

Cost:

Drop in pass:
$8.00/day plus GST

Fit Centre Hours:

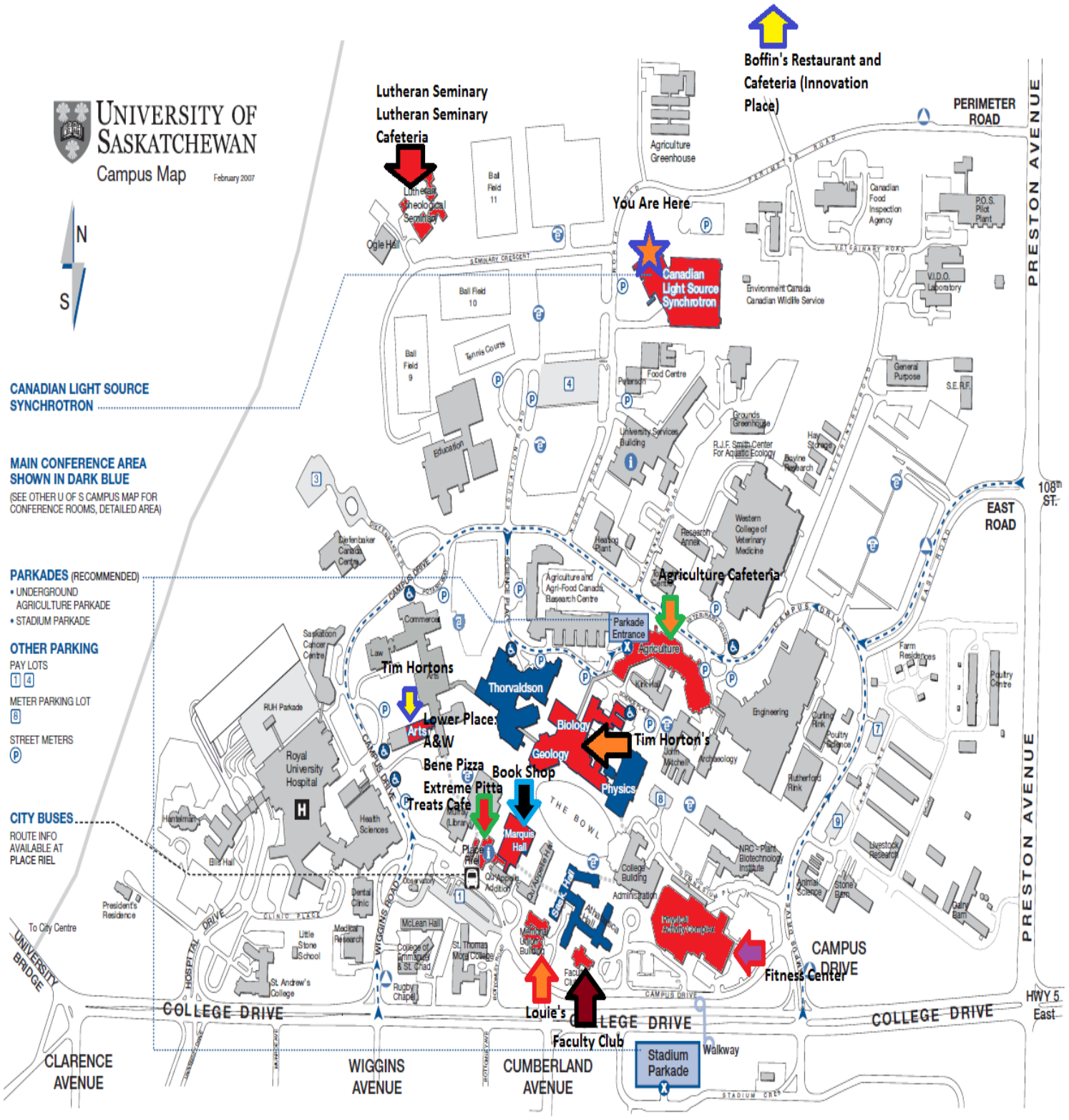
Monday to Friday 6:30 am – 10:30 pm

Saturday and Sunday 8 am – 9 pm

Contact information:

Fit Centre Desk - 966-1054
Customer Service Desk - 966-1052 or 966-1053

On Campus Restaurants/Food Options And Services:



Saskatoon Amenities

Bus Services:

http://www.saskatoon.ca/DEPARTMENTS/Utility%20Services/Saskatoon%20Transit/Pages/default.aspx

City of Saskatoon Transit. 975-3100

Fares & Tickets

The following fares are effective **January 1, 2012.**

Cash

When paying fare by cash, please have the exact fare ready. Operators do not carry change.

As of February 1, 2010, paper cash is no longer accepted.

Adult	$3.00
Senior	$3.00
Post Secondary	$3.00

Tickets

Adult	10 for $22.00
Senior	10 for $22.00
Post Secondary	10 for $22.00

Saskatoon Amenities

Bus Services:

Routes to and from CLS, Stop # 3990 and 3991, located on Perimeter Road in front of CLS main entrance.

Stop #3990 and 3991 – Route 04 (Willowgrove/Dundonald) and Route 13 (Lawson/Exhibition)

Phone & Go

Phone & Go is a trip planning service available 24 hours a day, seven days a week. By following the phone prompts, you can plan your transit trip right now or weeks in advance.

To quickly find the next buses servicing a stop, call Phone & Go at 975-7500 then:

- press "1" for Schedule Information,
- press "1" for Next Few Buses, then
- enter the four digit stop number printed on the bus stop sign

Routes, Service and Transfer Information

http://www.saskatoon.ca/DEPARTMENTS/Utility%20Services/Saskatoon%20Transit/Pages/Routes.aspx

Saskatoon Amenities

Banking Facilities:

A.T.M Place Riel, 1 Campus Dr..... 966-6960

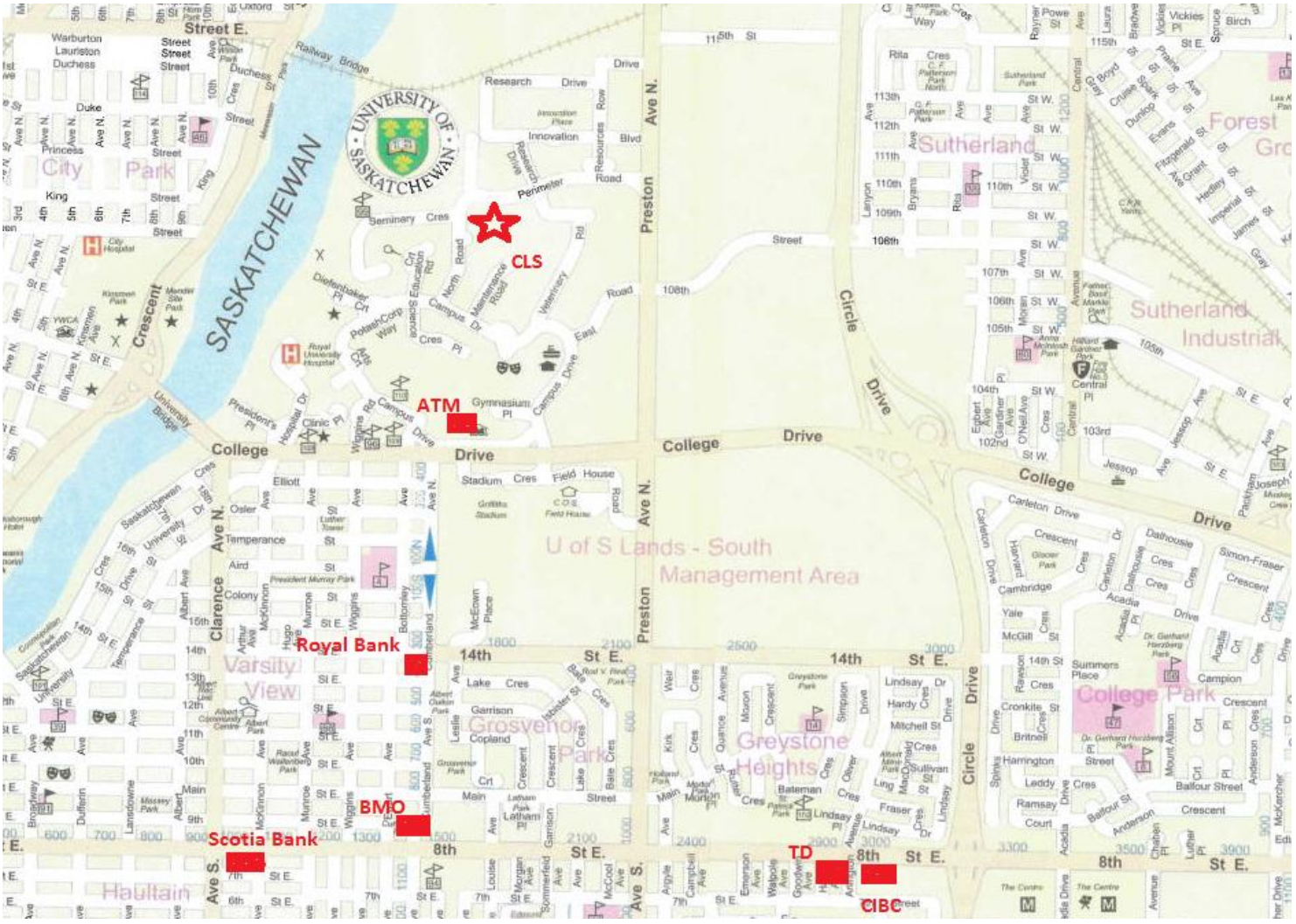
Bank of Montreal 1501 8th St E.....934-5725

CIBC 3124 8th St E.....688-3230

Royal Bank 1402 College Dr 933-3535

Scotia bank 1004 8th St E..... 668-1480

TD Canada Trust 3020 8th St E..... 975-7260



Saskatoon Amenities

Saskatoon Maps:

www.tourismsaskatoon.com/maps

www.googlemaps.ca